

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Floribertus Heukensfeldt JANSEN, et al.
Title: METHOD AND SYSTEM FOR ULTRASONIC TAGGING OF FLUORESCENCE
Serial No.: TBD
Art Unit: TBD
Filing Date: Herewith
Examiner: TBD
Date: November 17, 2003

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above application in compliance with 37 CFR 1.97 and 37 CFR 1.98.

- [X] 1. A list of documents on Form PTO-1449 or Substitute together with copies of each identified document and a translation thereof or a concise explanation of each non-English language document or a Search Report or communication from a non-US patent office or an International Search Report from an International Searching Authority for a patent application filed via the Patent Cooperation Treaty or document(s) cited in the application or the priority application.

This paper is submitted in accordance with:

- [X] 2. 37 CFR 1.97(b): [within three months of national, non-CPA filing, prior to first Office Action, on the merits, or prior to first office action after filing an RCE]
- [] 3. 37 CFR 1.97(c): [before Final Office Action, Allowance, or other action closing prosecution, whichever is earlier]; and
- [] a. The required Certification made in item 5 below; or
- [] b. The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 6 below.

CERTIFICATE OF MAILING

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 as Express Mail No. EL 985 195 772 US on November 17, 2003 and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name: Jennifer J. Puente

Date: November 17, 2003

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☐ 4. 37 CFR 1.97(d): [on or before issue fee payment]; and

- a) The required Certification is stated in item 5 below; and
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☐ 5. Certification

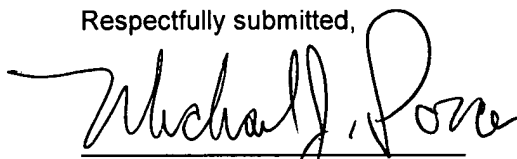
- ☐ a. Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this Statement; or
- ☐ b. No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing date of this Statement.

☐ 6. Payment of all applicable fees:

- ☐ Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. _____.
- ☐ Enclosed is a check in the amount of \$_____ in payment of all applicable fees associated with the submittal of this Information Disclosure Statement.

This document is submitted in duplicate.

Respectfully submitted,



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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) 140042 (1306-46)	Application Number TBD
	Applicant Floribertus Heukensfeldt JANSEN, et al.	
	Filing Date HEREWITH	Group Art Number TBD

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5,212,667	5/18/1993	Tomlinson Jr. et al.			
	5,174,298	12/29/1992	Dolfi et al.			

OTHER DOCUMENTS

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	Li, et al., "Ultrasound-modulated optical tomography of biological tissue by use of contrast of laser speckles," Applied Optics, (41) 28:6030-6035, October 1, 2002.
	Gaudette, et al., "A comparison study of linear reconstruction techniques for diffuse optical tomographic imaging of absorption coefficient," Physical Medical Biology, 45:1051-1070 (2000)
	Roy, et al., "Truncated Newton's optimization scheme for absorption and fluorescence optical tomography: Part I theory and formulation," Optics Express, (4) 10:353-371, May 10, 1999.
	Marks, et al., "The Diagnostic Potential of Ultrasound Assisted Optical Imaging," GE Research & Development Center, Report No. 98CRD142, Class 1, pages 1-32, November 1998
	Mahan, et al., "Ultrasonic tagging of light: Theory," Applied Physics Sciences, 95:14015-14019, November 1988.
	Marks, et al., "Ultrasound Assisted Optical Imaging: Theory and Experiment," GE Research & Development Center, Report No.: 98CRD104, Class 1, July 1998, pages 29.
	Marks, F.A., "Review: Role of Non-X-Ray Technology in Mammography Today," Ge Research & Development Center, Report No.: 98CRD080, Class 1, May 1998, pages 8.
	Marks, F.A., "Ultrasound Assisted Optical Imaging of Buried Absorbers," GE Research & Development Center, Report No.: 97CRD204, Class 1, January 1998, pages 7.
	Shu, E.Y., "Report on the Medical Imaging Modality via Ultrasonic Tagged Visible Light Tomography (UTVLT), GE Research & Development Center, Report No.: 92 CRD175, Class 1, August 1992, pages 18.
	Kruger, et al., "Thermoacoustic CT: Imaging Principles," Indiana University Medical Center, OptoSonics, Inc., pages 10.
	Kruger, et al., "Thermoacoustic Optical Molecular Imaging of Small Animals," Indiana University Medical Center, pages 25.

Examiner	Date Considered
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.